

# SELECTED LIST OF GEOLOGICAL SURVEY PUBLICATIONS ON ALASKA

The Geological Survey for more than a third of a century has been investigating the mineral resources of Alaska, and in the course of this work has published hundreds of maps and reports covering different parts of the Territory. The Geological Survey publications that are available and that may be of most general use are given in the following lists. A few of the more significant reports that are no longer available except through libraries have also been retained in the list and are indicated by an asterisk (\*). The areas covered are indicated on the index map on the face of this sheet. The publications specifically noted are by no means all those on Alaska that have been issued by the Geological Survey. Many others that can no longer be obtained from any official source or that have been superseded by later issues have been omitted from this index circular but are included in the Survey's general list, "Publications of the United States Geological Survey (not including topographic maps)," and in other finding lists and catalogs. Files of Government publications are on deposit in many libraries and educational institutions throughout the United States and Alaska, where they can be consulted. Among the principal Alaska libraries are those at Juneau and Fairbanks.

The publications noted in this index are of two main groups—separate maps, which are for sale by the Geological Survey, Washington, D. C., and reports, which are for sale by the Superintendent of Documents, Government Printing Office, Washington, D. C. On the face of the index map information relating to maps sold separately is shown in red, whereas that relating to other publications is shown in purple. Reports and maps that cover large areas or that are on general subjects are not indicated on the face of the map but are grouped under the subheading "General" in the list of separate maps and the list of reports that follow.

## REPORTS

The book publications listed below are sold, at the prices indicated, by the Superintendent of Documents, Government Printing Office, Washington, D. C., to whom remittances should be made by postal money order, express order, or check; postage stamps will not be accepted.

No discount is allowed on orders for reports, nor can an order for reports in combination with maps be counted in determining the allowable discount on the maps; the charge for maps will be the same as if they were ordered separately.

The three classes of reports of the Geological Survey on Alaska as listed are professional papers, bulletins, and water-supply papers and are grouped below under these series. On the face of the index map the number of a professional paper is preceded by the letter P. All other numbers printed in purple refer to the bulletin series, as the water-supply papers are not indicated on the map, though listed below.

Reports covering general subjects or very large areas are listed only under the heading "General" and are not indicated on the index map.

Some of the reports listed were published as separate chapters, which later were assembled into volumes. Separates are designated by publication number and letter indicating the chapter, as 622-E. If the separate chapter is no longer available, but the complete volume in which it was printed can still be obtained, this fact is noted, and the price given is that for the complete volume, which contains several other articles.

Special notice should be taken of the dates of publication given in the following lists, because they are significant in indicating the recency of issue of the reports and maps.

In referring to maps contained in the reports listed below only the principal maps are noted, and the following designations are used: G, geologic map; T, topographic map; GT, geologic map on topographic base; plane, without indication of surface relief.

## GENERAL REPORTS

### PROFESSIONAL PAPERS:

125-C. Pliocene and Pleistocene fossils from the Arctic coast of Alaska and the auriferous beaches of Nome, Norton Sound, Alaska, by W. H. Dall. 1919. pp. 23-37, illus. In Professional Paper 125. 60 cents.

159. The Upper Cretaceous floras of Alaska, by Arthur Hollick, with a description of the plant-bearing beds, by G. C. Martin. 1930. 128 pp., illus. 80 cents.

170-A. Glaciation in Alaska, by S. R. Capps. 1932. pp. 1-8, illus., maps (plane, 1:5,000,000). 15 cents.

183. The Tertiary flora of Alaska, by Arthur Hollick, with a chapter on the geology of the Tertiary deposits, by P. S. Smith. 1936. 185 pp., illus., map (plane, 1:5,000,000). \$1.

192. Areal geology of Alaska, by P. S. Smith. 1939. 100 pp., illus., map (G, 1:3,500,000). \$1.25.

### BULLETINS:

442-B. The preparation and use of peat as fuel, by C. A. Davis. 1910. pp. 101-132. In Bulletin 442. 40 cents.

442-J. Alaska coal and its utilization, by A. H. Brooks. Reprinted 1914. pp. 47-100. In Bulletin 442. 40 cents.

480-C. Geologic features of Alaskan metalliferous lodes, by A. H. Brooks. 1911. pp. 43-93, illus. In Bulletin 480. 40 cents.

649. Antimony deposits of Alaska, by A. H. Brooks. 1916. 67 pp., illus., map (plane, 1:5,000,000). 15 cents.

776. The Mesozoic stratigraphy of Alaska, by G. C. Martin. 1926. 493 pp., illus. 75 cents.

836-C. Surface water supply of southeastern Alaska, 1909-30, by F. F. Henshaw. 1933. pp. 137-213, illus. 10 cents.

857-B. Past placer gold production from Alaska, by P. S. Smith. 1933. pp. 93-98. 5 cents.

917-A. Mineral industry of Alaska in 1938, by P. S. Smith. 1939. pp. 1-10, illus., maps (G and T, 1:500,000). 40 cents. Other volumes in this series have been issued for each year since 1904. The more recent of these are 910-A, 1937, 35 cents; 897-A, 1936, 30 cents; 880-A, 1935, 20 cents; 868-A, 1934, 10 cents.

### WATER-SUPPLY PAPERS:

314. Surface water supply of Seward Peninsula, by F. F. Henshaw and G. L. Parker, with a sketch of the geography and geology by P. S. Smith and a description of methods of placer mining by A. H. Brooks. 1913. 317 pp., illus., map (T, 1:500,000). 45 cents.

342. Surface water supply of Alaska, by Arthur Hollick, with a chapter on the geology of the Tertiary deposits, by P. S. Smith. 1936. 185 pp., illus., map (plane, 1:5,000,000). \$1.

345-F. The discharge of the Yukon River at Eagle, by E. A. Porter and R. W. Davenport. 1915. pp. 67-77, illus. 5 cents.

372. A water-power reconnaissance in south-central Alaska, by C. E. Ellsworth and R. W. Davenport. 1915. 173 pp., illus. 20 cents.

418. Mineral springs of Alaska, by G. A. Waring. 1917. 114 pp., illus. 25 cents.

## OTHER REPORTS

### PROFESSIONAL PAPERS:

95-D. An ancient volcanic eruption in the upper Yukon Basin, by S. R. Capps. 1916. pp. 59-64, illus. 5 cents.

109. The Canning River region of northern Alaska, by E. de K. Leffingwell. 1919. 251 pp., illus., maps (GT and T, 1:250,000; plane, 1:125,000 and 1:1,000,000). 75 cents.

### BULLETINS:

314-D. Reconnaissance on the Pacific coast from Yakutat to Alek River, by Eliot Blackwelder. 1907. pp. 82-88. In Bulletin 314. 30 cents.

335. Geology and mineral resources of the Controller Bay region, by G. C. Martin. 1908. 141 pp., illus., maps (GT and T, 1:63,500). 70 cents.

347. The Ketchikan and Wrangell mining districts, by F. E. and C. W. Wright. 1908. 210 pp., illus., maps (G, about 1:380,000, and GT, 1:250,000). 60 cents.

417. Mineral resources of the Nabesna-White River district, by F. H. Moffit and Adolph Knopf, with a section on the Quaternary, by S. R. Capps. 1910. 64 pp., illus., maps (GT and T, 1:250,000). 25 cents.

433. Geology and mineral resources of the Solomon and Casadepaga quadrangles, Seward Peninsula, by P. S. Smith. 1910. 284 pp., illus., maps (GT and T, 1:63,500). 40 cents.

443. Reconnaissance of the geology and mineral resources of Prince William Sound, by U. S. Grant and D. F. Higgins. 1910. 89 pp., illus., maps (G, 1:250,000, and GT, 1:24,120). 45 cents.

446. Geology of the Berners Bay region, by Adolph Knopf. 1911. 58 pp., illus., maps (GT and T, 1:63,500). 20 cents.

448. Geology and mineral resources of the Nizina district, by F. H. Moffit and S. R. Capps. 1911. 111 pp., illus., maps (GT and T, 1:63,500). 40 cents.

\*449. A geologic reconnaissance in southeastern Seward Peninsula and the Norton Bay-Nulato region, by P. S. Smith and H. M. Eakin. 1911. 146 pp., illus., maps (GT and T, 1:250,000, and T, 1:500,000). Out of print. Available for reference in large libraries.

485. A geologic reconnaissance of the Illamna region, by G. C. Martin and F. J. Katz. 1912. 138 pp., illus., maps (GT and T, 1:250,000). 35 cents.

500. Geology and coal fields of the lower Matanuska Valley, by G. C. Martin and F. J. Katz. 1912. 98 pp., illus., maps (GT and T, 1:63,500, and GT, 1:350,000). 80 cents.

501. The Bonfield region, by S. R. Capps. 1912. 64 pp., illus., maps (GT and T, 1:250,000). 20 cents.

502. The Eagle River region, southeastern Alaska, by Adolph Knopf. 1912. 61 pp., illus., maps (GT and T, 1:63,500). 25 cents.

520-K. Geologic investigations along the Canada-Alaska boundary, by A. G. Maddren. 1912. pp. 297-314. In Bulletin 520. 50 cents.

\*525. A geologic reconnaissance of the Fairbanks quadrangle, by L. M. Prindle, F. J. Katz, and P. S. Smith. 1913. 220 pp., illus., maps (GT and T, 1:63,500 and 1:250,000). Out of print. Available for reference in large libraries.

535. A geologic reconnaissance of a part of the Rampart quadrangle, by H. M. Eakin. 1913. 38 pp., illus., maps (GT and T, 1:250,000). 20 cents.

536. The Noatak-Kobuk region, by P. S. Smith. 1913. 160 pp., illus., maps (GT and T, 1:500,000). 40 cents.

## REPORTS—Continued

### BULLETINS—Continued.

538. A geologic reconnaissance of the Circle quadrangle, by L. M. Prindle. 1913. 82 pp., illus., maps (GT and T, 1:250,000). 30 cents.

576. Geology of the Hanagita-Bremner region, by F. H. Moffit. 1914. 56 pp., illus., maps (GT and T, 1:250,000). 30 cents.

605. The Etanar district, by S. R. Capps and B. L. Johnson. 1915. 125 pp., illus., maps (GT and T, 1:63,500). 25 cents.

607. The Willow Creek district, by S. R. Capps. 1915. 86 pp., illus., maps (GT and T, 1:63,500). 35 cents.

608. The Broad Pass region, by F. H. Moffit and J. E. Pogue. 1915. 80 pp., illus., maps (GT and T, 1:250,000). 25 cents.

630. The Chisana-White River district, by S. R. Capps. 1916. 130 pp., illus., maps (GT and T, 1:250,000). 30 cents.

663-C. Mining on Prince William Sound, by B. L. Johnson. 1918. pp. 182-192. Copper deposits of the Latouche and Knight Island districts, Prince William Sound, by B. L. Johnson. 1918. pp. 193-220, map (G sketch, about 1:375,000). In Bulletin 663. 75 cents.

663-D. The gold placers of the Tolovana district, by J. B. Mertie, Jr. 1918. pp. 221-277, illus., map (G, 1:250,000). In Bulletin 663. 75 cents.

663-G. Lode deposits near the Nenana coal field, by R. M. Overbeck. 1918. pp. 351-363, map (sketch, about 1:410,000). In Bulletin 663. 75 cents.

664. The Nenana coal field, Alaska, by G. C. Martin. 1919. 54 pp., maps (GT on township plats, 1:31,680). \$1.10.

667. The Cosna-Nowitna region, by H. M. Eakin. 1918. 54 pp., illus., maps (GT and T, 1:250,000). 25 cents.

675. The upper Chitina Valley, by F. H. Moffit, with a description of the igneous rocks, by R. M. Overbeck. 1918. 82 pp., illus., maps (GT and T, 1:250,000). 35 cents.

683. The Anvik-Andreafski region, by G. L. Harrington. 1918. 70 pp., illus., maps (GT and T, 1:125,000 and 1:250,000). 30 cents.

687. The Kantishna region, by S. R. Capps. 1919. 116 pp., illus., maps (GT and T, 1:250,000). 35 cents.

732. The geology of the York tin deposits, by Edward Steidtmann and S. H. Cathcart. 1923. 130 pp., illus., map (GT, 1:250,000). 30 cents.

743. Chronology of Kenai Peninsula, by A. C. Gill. 1923. 52 pp., illus., map (GT, 1:250,000). 15 cents.

745. The Kotsina-Kuskulana district, by F. H. Moffit and J. B. Mertie, Jr. 1923. 149 pp., illus., maps (GT and T, 1:63,500). 40 cents.

754. The Ruby-Kuskokwim region, by J. B. Mertie, Jr., and G. L. Harrington. 1924. 129 pp., illus., maps (GT and T, 1:250,000). 50 cents.

789. The Iniskin-Chitina Peninsula and the Snug Harbor district, by F. H. Moffit. 1927. 71 pp., illus., maps (GT and T, 1:63,500 and 1:250,000). 50 cents.

791. Geology of the upper Matanuska Valley, by S. R. Capps, with a section on the igneous rocks by J. B. Mertie, Jr. 1927. 92 pp., illus., maps (GT and T, 1:63,500). 30 cents.

792-B. Geology of the Knik-Matanuska district, by K. K. Landes. 1927. pp. 51-73, map (G sketch, about 1:330,000). 5 cents.

792-C. The Toklat-Tonsona River region, by S. R. Capps. 1927. pp. 73-110, illus., map (G sketch, 1:500,000). In Bulletin 792. 35 cents.

797-E. Aerial photographic surveys in southeastern Alaska, by F. H. Moffit and R. H. Sargent. 1929. pp. 143-160, illus., map (plane, 1:350,000). In Bulletin 797. 80 cents.

797-F. Geology and mineral resources of the Aniakchak district, by R. S. Knappen. 1929. pp. 161-227, map (GT, 1:250,000). In Bulletin 797. 80 cents.

\*800. Geology and mineral deposits of southeastern Alaska, by A. F. Buddington and Theodore Chapin. 1929. 308 pp., illus., maps (G, 1:500,000 and 1:1,000,000). Out of print. Available for reference in large libraries.

807. Geology of Hyder and vicinity, southeastern Alaska, with a reconnaissance of Chickamin River, by A. F. Buddington. 1929. 124 pp., illus., maps (GT and T, 1:63,500). 35 cents.

810-B. The Chandalar-Sheenjek district, by J. B. Mertie, Jr. 1930. pp. 87-139, illus., maps (G and T, 1:500,000). In Bulletin 810. 50 cents.

815. Geology and mineral resources of northwestern Alaska, by P. S. Smith and J. B. Mertie, Jr. 1930. 351 pp., illus., maps (GT and T, 1:500,000). \$1.

816. Geology of the Eagle-Circle district, by J. B. Mertie, Jr. 1930. 168 pp., illus., map (G, 1:250,000). 50 cents.

824-B. The Slana district, upper Copper River region, by F. H. Moffit. 1932. pp. 111-124, map (G sketch, about 1:500,000). 5 cents.

824-E. The occurrence of gypsum at Iyukeen Cove, Chichagof Island, by B. D. Stewart. 1932. pp. 173-181. 5 cents.

827. Geologic reconnaissance of the Dennison Fork district, by J. B. Mertie, Jr. 1931. 44 pp., illus., maps (GT and T, 1:250,000). 45 cents.

836-B. Notes on the geography and geology of Lituya Bay, by J. B. Mertie, Jr. 1933. pp. 117-135, illus. 5 cents.

836-D. The eastern portion of Mount McKinley National Park, by S. R. Capps. pp. 219-300, illus., map (GT, 1:250,000); The Kantishna district, by F. H. Moffit, pp. 301-363, illus., Mining development in the Tatlanika and Totatlanika Basins, by F. H. Moffit, pp. 339-345, illus. 1933. 35 cents.

836-E. The Tatonduk-Nation district, by J. B. Mertie, Jr. 1933. pp. 347-443, illus., map (G, 1:135,000). 15 cents.

844-C. The Suslova Pass district, upper Copper River region, by F. H. Moffit. 1933. pp. 137-162, map (GT, 1:250,000). 15 cents.

844-D. Mineral deposits of Rampart and Hot Springs districts, by J. B. Mertie, Jr., pp. 163-236, illus., map (sketch, 1:250,000); Placer concentrates of Rampart and Hot Springs districts, by A. E. Waters, Jr., pp. 227-246. 1934. 10 cents.

849-B. Lode deposits of the Fairbanks district, by J. M. Hill. 1933. pp. 29-163, illus., map (GT, 1:63,500). 35 cents.

849-D. The Mount Eielson district, by J. C. Reed. 1934. pp. 231-287, illus., maps (GT and T, 1:63,500 and 1:24,000). 25 cents.

849-E. Mineral deposits near the West Fork of the Chulitna River, by C. P. Ross. 1933. pp. 239-333, illus., map (GT, 1:125,000). 15 cents.

849-F. Lode deposits of Eureka and vicinity, Kantishna district, by F. G. Wells. 1933. pp. 335-379, illus., map (GT, 1:63,500). 20 cents.

849-G. The Girdwood district, by C. F. Park, Jr. 1934. pp. 381-424, illus., map (GT, 1:63,500). 25 cents.

849-H. The Valdez Creek mining district, by C. P. Ross. 1933. pp. 423-468, illus., map (GT, 1:125,000). 15 cents. See also Bull. 897-B.

849-I. The Moose Pass-Hope district, Kenai Peninsula, by Ralph Tuck. 1933. pp. 469-530, illus., map (GT, 1:250,000). 15 cents.

857-C. The Curry district, by Ralph Tuck. 1934. pp. 99-140, illus., map (GT, 1:250,000). 10 cents.

857-D. Notes on the geology of the Alaska Peninsula and Aleutian Islands, by S. R. Capps. 1934. pp. 141-153, map (sketch, about 1:10,000,000). 5 cents.

857-E. Core drilling for coal in the Moose Creek area, by G. A. Waring. 1934. pp. 155-173, illus., map (sketch, 1:63,500). 10 cents.

861. Geology of the Anthracite Ridge coal district, by G. A. Waring. 1937. 57 pp., illus., maps (G and GT, 1:12,000 and 1:63,500). 70 cents.

862. The southern Alaska Range, by S. R. Capps. 1935. 101 pp., illus., maps (GT, 1:250,000). 70 cents.

864-B. The Willow Creek-Kashwina district, by S. R. Capps and Ralph Tuck. 1935. pp. 95-113, illus., map (GT, 1:250,000). 5 cents.

864-C. Mineral deposits of the Ruby-Kuskokwim region, by J. B. Mertie, Jr. 1936. pp. 115-255, illus., map (G sketch, 1:63,300). 25 cents.

866. Geology of the Tonsina district, by F. H. Moffit. 1935. 38 pp., illus., map (GT, 1:250,000). 40 cents.

868-B. Kodiak and vicinity, Alaska, by S. R. Capps. 1937. pp. 93-134, illus., maps (GT and T, 1:250,000). 25 cents.

868-D. The Kaiyuh Hills, Alaska, by J. B. Mertie, Jr. 1937. pp. 144-173, illus., map (G, 1:500,000). 10 cents.

872. The Yukon-Tanana region, Alaska, by J. B. Mertie, Jr. 1937. 276 pp., illus., map (GT, 1:500,000). 70 cents.

880-B. Recent mineral developments in the Copper River region, Alaska, by Fred H. Moffit. 1937. pp. 99-109, map (sketch, 1:411,840). 5 cents.

880-C. Kodiak and adjacent islands, Alaska, by S. R. Capps. 1937. pp. 111-184, illus., map (G, 1:250,000). 50 cents.

880-D. The Eska Creek coal deposits, Matanuska Valley, Alaska, by Ralph Tuck. 1937. pp. 185-214, illus., map (GT, 1:5,000). 35 cents.

894. Geology of the Chitina Valley and adjacent area, by Fred H. Moffit. 1938. 138 pp., illus., maps (GT and T, 1:250,000). \$1.25.

897-B. The Valdez Creek mining district, Alaska, in 1936, by Ralph Tuck. pp. 109-131, illus., 5 cents.

897-C. Gold placers of the Fortymile, Eagle, and Circle districts, Alaska, by J. B. Mertie, Jr. 1938. pp. 133-261, illus. 20 cents.

897-D. Nickel content of an Alaskan basic rock, by J. C. Reed. 1939. pp. 263-268, illus. 5 cents.

903. The Nushagak district, Alaska, by J. B. Mertie, Jr. 1938. 96 pp., illus., maps (GT and T, 1:250,000). 65 cents.

904. Geology of the Slana-Tok district, Alaska, by Fred H. Moffit. 1938. 54 pp., illus., map (GT, 1:250,000). 35 cents.

### BULLETINS:

907. Geology of the Alaska Railroad region, by S. R. Capps.

910-B. Platinum deposits of the Goodnews Bay district, by J. B. Mertie, Jr.

910-C. Fineness of gold from Alaska placers, by P. S. Smith.

918. The Goodnews platinum deposits, Alaska, by J. B. Mertie, Jr.

## SEPARATE MAPS

All separate maps issued by the Geological Survey are sold by the Director, U. S. Geological Survey, and not by the Superintendent of Documents. Maps published only as illustrations in reports and not sold separately are noted in the list of reports.

## SEPARATE MAPS—Continued

The prices stated are retail rates for single copies, but on all orders for separate maps amounting to \$5 or more at the retail rate a discount of 40 percent is allowed. *Prepayment* is required and preferably should be made by money order payable to the Director, U. S. Geological Survey, Washington, D. C.

The scales indicated are stated as the proportion which the distance between two points on the map bears to the distance between the same points on the earth's surface. The scales most commonly used for maps of areas in Alaska are 1:250,000 (1 inch=about 4 miles) and 1:62,500 (1 inch=about 1 mile).

If maps ordered are not in stock the right is reserved to substitute others rather than to return very small sums of money by mail, unless directions to the contrary are given in the order.

The Survey cannot supply mounted maps.